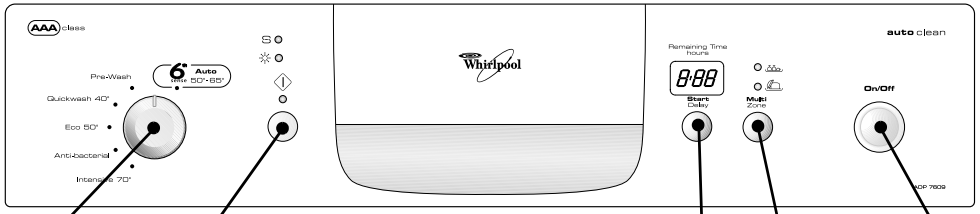
Chart



PROGRAMME SELECTOR KNOB (see "Table of programmes" below).

START BUTTON
The indicator lights up during operation, flashes when a fault occurs, and goes off at the end of the programme.
START BUTTON RESET FUNCTION:
Press this button for at least 2 seconds; the selected programme and options will be cancelled. Main failure displays (repeated flashing of the START indicator lamp) can be cancelled by RESETTING. Detailed instructions are given in chapter "What to do if...".

START DELAY option

MULTI ZONE option

ON/OFF BUTTON

(see at right for options description)

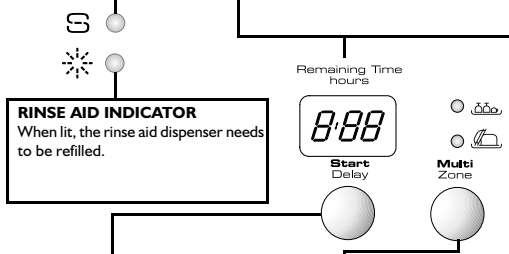
BEFORE USING THE APPLIANCE FOR THE FIRST TIME CAREFULLY READ THIS QUICK REFERENCE GUIDE AND THE INSTALLATION INSTRUCTIONS! THE GUARANTEE IS NOT APPLICABLE IF FAULTS ARE CAUSED BY INCORRECT USE OF THE APPLIANCE.

Whirlpool

Options and display description

SALT INDICATOR
When lit, the salt reservoir needs to be refilled.

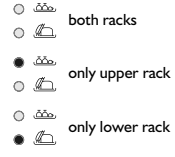
FAULT INDICATION AND WASH TIME DISPLAY
In normal operation it indicates the remaining time (h:mm), whereas with "Delayed start" selected it indicates the time remaining until programme start (hh).
If "F.." appears on the display, see chapter "What to do if...".



RINSE AID INDICATOR
When lit, the rinse aid dispenser needs to be refilled.

DELAYED START BUTTON
Press the button (repeatedly) to delay the start of the programme. Adjustable from 1 to 24 hours. With each press of the button, the delayed start indicator increases by one hour and after 24 restarts from 00. Then press the START button. The dishwasher will start after the set time.

HALF LOAD/MULTIZONE
Allows you to choose the washing zones. Press this button to select the wash zones:



P	Programmes		Available options	Loading instructions	Detergent	Consumption Litres	kWh	Minutes [1]
1	6th sense Auto 50°-65°	**Auto Sensor 50-65°C**	Delay Multizone	Recommended programme for routine washes, with dried-on food (e.g. EN 50242).	—	11-16	1.10-1.50	100-130
2	Pre-Wash	**Pre-Wash cold**	Delay Multizone	Crockery to be washed later.	—	4.0	0.03	14
3	Quickwash	**Quickwash 40°C**	Delay Multizone	Lightly soiled crockery, with no dried-on food. * **Use of tablets not recommended.**	X *	10.0	0.65	30
4	Eco	**Eco** [2] **50°C**	Delay Multizone	Normally soiled crockery.	X	12.0	1.05	160
5	Anti-bacterial	**Antibacterial** [3]	Delay Multizone	Normally or heavily soiled crockery, with additional antibacterial wash. Programme interruption (e.g. due to door opening) can compromise elimination of germs.	X	13.0	1.50	115
6	Intensive	**Intensive 70°C**	Delay Multizone	Recommended programme for heavily soiled crockery, especially suitable for pots and pans.	X	14.0	1.55	155

1) **Programme data obtained in conformity with European standard EN 50242, obtained under normal conditions (without additional options) and may vary depending on conditions. Differences of up to 20 minutes are possible with sensor programmes as a result of the appliance's automatic calibration system.**
2) **Reference programme for energy label in compliance with EN 50242 regulations. - Note for Testing Institutes: for detailed information on the EN/Standard loading comparison test and other tests, contact the following address: "nk_customer@whirlpool.com".**
3) **The antibacterial action has been tested by the Institut Pasteur of Lille (France), based on the NF EN 13697 standard of November 2001.**

ADP 7609 **5019 396 01743**

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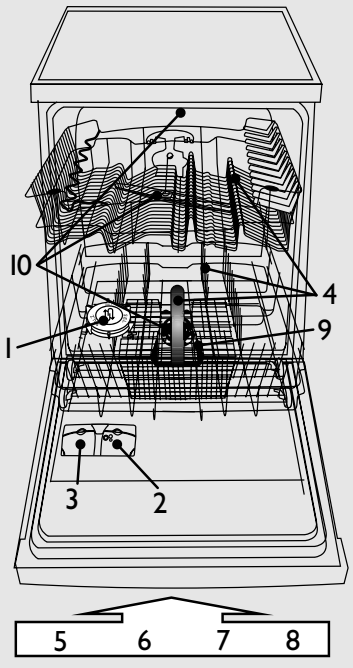
How to set detergent type: powder/gel/tablet (if option is available)

In order to always ensure the best cleaning results, you NEED to set:
DETERGENT type and WATER HARDNESS.



1- salt reservoir
2- rinse aid dispenser
3- detergent dispenser
4- racks system
5,6,7,8- available functions on the panel
9- filters
10- spray arms

1. Select 3rd programme (see Table of programmes - page 1)	**2.** Press START button for 7 seconds	**3a.** Check your detergent type...	**3b.**...and set it on your dishwasher using the START button ***(as per table below)***		**4.** Remember to use salt and rinse aid when needed (as indicated below)		**5.** Switch off and switch on again to save setting
		Detergent types	**Dishwasher models**				
			model without display	model with display			
		Powder or gel (factory setting)	3h 6h 9h ● ● ●	OFF	no symbol	add salt	add rinse aid
		Tablet 2 in 1	● ○ ○	2-1	□	add salt	~~rinse aid~~
		Tablet 3 in 1	○ ● ○	3-1	●	~~salt~~	~~rinse aid~~
		Tablet All in 1	○ ○ ●	4-1			

! For models without "detergent type" option, the salt and rinse aid indicators will be lit when tablets are used.

How to set water hardness

* only **before the first wash** or if the **water hardness has been changed**

Switch on the appliance

- Select the 2nd programme "P2" - consult the table of programmes.
- Press the START button for at least 5 seconds until the START indicator lamp flashes.
- The water hardness setting is shown on the display (if present) or the START button flashes.
- With each successive touch of the START button the setting increases and when it reaches 7 it returns to 1 again.
- The appliance must be switched off to memorise the new setting.

1. Ask your water supply company what the **water hardness** is...				**2.** ...enter this value on your dishwasher		Suggestions for detergent use	
German degrees °dH	French degrees °fH	English degrees °eH	Water hardness	Dishwasher with display: insert value in the display	Dishwasher without display: count START button led flashes	Gel or Powder (rinse aid and salt)	Tablets
0 - 5	0 - 9	0 - 6.3	Soft	1	1x	go to step 1 (see "Daily check")	if extra salt is needed go to step 1 (see "Daily check")
6 - 10	10 - 18	7 - 12.6	Medium	2	2x		
11 - 15	19 - 27	13.3 - 18.9	Average	3	3x		
16 - 21	28 - 37	19.6 - 25.9	Medium-hard	4	4x		
22 - 28	38 - 50	26.6 - 35	Hard	5	5x		
29 - 35	51 - 63	35.7 - 44.1	Very hard	6	6x		
36 - 60	64 - 107	44.8 - 74.9	Extremely hard	7	7x		

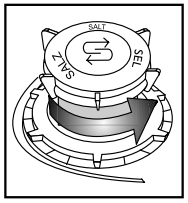
i Water hardness level is factory set for medium hard water (a number "4" is shown on the display or the START indicator lamp flashes 4 times).

! Even if you use tablets which include salt, you must still add salt since such detergents are not effective enough at softening hard water.

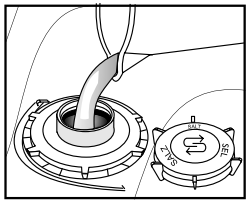
Filling the salt reservoir - Dissolve limescale (not necessary if water hardness level is set to "soft"!)

Daily check

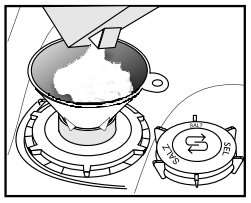
1



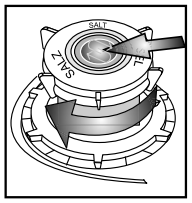
Visual indicator (depending on model). Unscrew cap.



Fill the salt reservoir with water before the first wash only.



Add salt (never add detergent!). min. 1.5 kg max. 2 kg



Visual indicator (depending on model). Screw on the cap. Salt residues around cap need to be removed.

The salt level indicator lamp may remain lit for the duration of several wash cycles. If the water hardness level falls within category (soft), no salt is required.

Salt indicator (depending on the model)

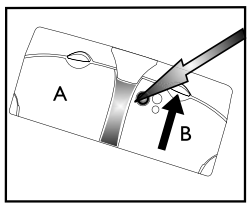
The indicator lamp on the control panel lights up when SALT NEEDS TO BE ADDED.

orange: OK.

clear: NEEDS TO BE ADDED

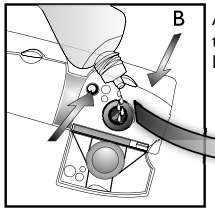
Adding rinse aid (not necessary when you use tablets). How to adjust the rinse aid dosage regulator

2

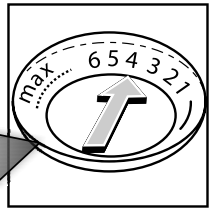


Visual indicator B

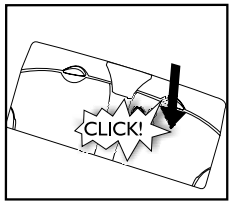
If required, open the cover (press lever).



Add **rinse aid** to max. line ~100 ml



The rinse aid dosage can be adjusted to the detergent used. The lower the setting, the less rinse aid is dispensed (factory setting: position 4). Press the lever to open the cover. Using a coin or similar object, turn the arrow to the desired setting. After adjusting the rinse aid setting, shut the cover again.



Rinse aid indicator (depending on model)

The indicator lamp on the control panel lights up when RINSE AID NEEDS TO BE ADDED.

dark: OK.

clear: NEEDS TO BE ADDED

Only use rinse aids recommended for use in domestic dishwashers. Immediately wipe away any rinse aid spilt accidentally. This prevents the formation of excess suds which can cause a fault function of the appliance.

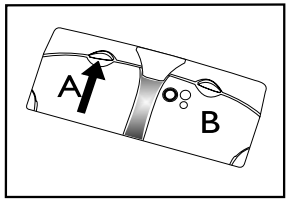
If there are streaks: reduce the dosage by turning the dial to a lower setting (1-3). If crockery is not perfectly dry: increase the dosage by turning the dial to a higher setting (5-6). Plastic dishes have more difficulty drying and a higher rinse aid setting will not improve the situation.

Detergents with rinse aid incorporated may be effective only with longer programmes. In the case of shorter programmes, detergent residue may be a problem (if necessary, use powder detergent). Detergents with rinse aid incorporated tend to form excess suds.

Adding detergent - Use only detergent specifically for dishwashers in accordance with the supplier's recommendations

Daily use

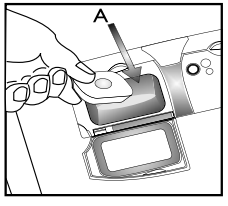
3



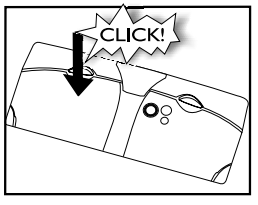
Open the cover A (press lever).

Only fill the detergent dispenser prior to starting a wash programme.

Tablet / gel / powder



Use only one tablet per cycle, placed in the detergent dispenser.

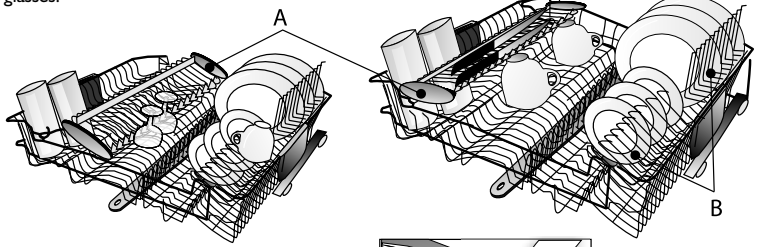


How to load UPPER RACK

4

(In some models only)

A - Multipurpose support: Different positions for long utensils, cups and glasses.

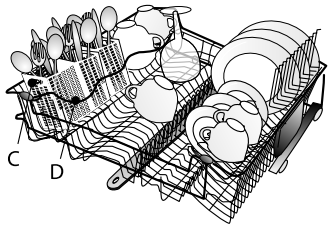


B - Adjustable flaps: In horizontal position for cups/long utensils, in raised position for plates and stemware.

(In some models only)

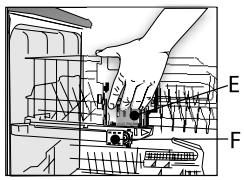
C - Cutlery basket: It can be placed in the upper rack when the "Half load/Multizone" is selected.

D - Adjustable glass holder



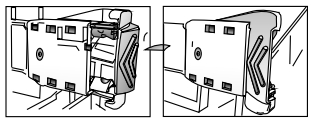
How to adjust upper rack height (if available)

- It could be useful to lift up upper rack to have more space in lower rack or bring it down to load long stem glasses.
- Grasp and take out the two lateral handles (**E**) (must be on same level) and lift up or take down the upper rack.



How to remove upper rack (if available)

- It could be useful to remove upper rack to load bulky items in lower rack.
- Open the two retainers (**F**) to take off the upper rack. <u>When the upper rack is in place the retainers must always be closed.</u>



F - CLOSED **F** - OPEN

How to load LOWER RACK

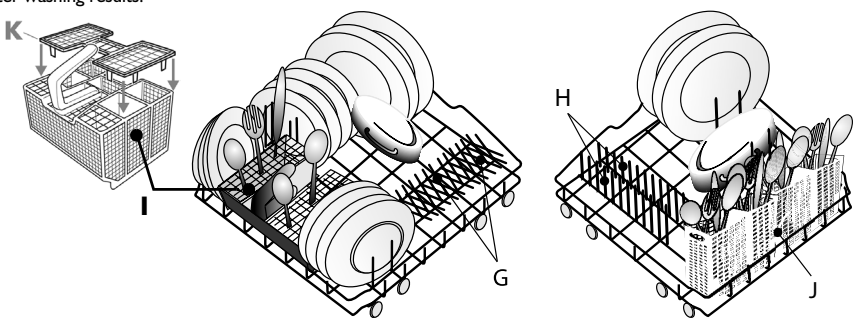
(depending on the model)

G - Foldable plate holders: They can be folded down to load pots
or

H- Fixed plate holders

I - Cutlery basket (or **J** model)

K - Grid: Helps to keep the cutlery separate for better washing results.



5

Arrange crockery so that water does not collect in cavities, ensuring that the spray arms turn freely. Only use dishwasher-proof crockery and dishes. Do not use the dishwasher for washing wooden items, aluminium, tin, silver cutlery or decorated crockery (unglazed). In the baskets, dishes (e.g. plates, bowls, pots) must be placed in a correct way to let water flow down!

Select programme Quick, permanent or alternating

6 **Overview of programmes**

The max. possible number of programmes is illustrated in this overview. The corresponding programmes for your appliance can be found on the panel (page 1).

Choose programme according to the attached table of programmes (page 1).

Duration of the programme depends on the external conditions in the apartment, temperature and pressure etc.

Wash cycle

7 The dishwasher door must be closed and the water tap open.

To load crockery, open the door with caution:

Beware of hot steam!

Close the door again.

The programme resumes the cycle from where it was interrupted.

The wash cycle can be interrupted at any time by pressing RESET (see chapter "What to do if").

Change the programme in progress:

- Press the START button (for 2 seconds) until the START indicator lamp switches off.
- (Water drains for up to 60 seconds).
- Select a new programme
- Press the START button.

Switch off the appliance Everything o.k. ...

8 Exercise caution when opening the door: beware of hot steam.

Only press the OFF button once the START indicator lamp has switched off.

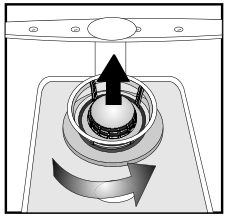
All the indicator lamps switch off. Unload the appliance, starting from the lower rack in order to avoid any residual drips of water falling onto crockery below.

Maintenance and care

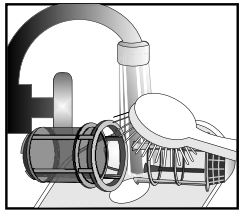
Maintenance and care

9

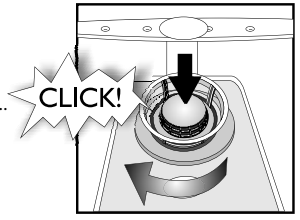
Filters check and clean if necessary



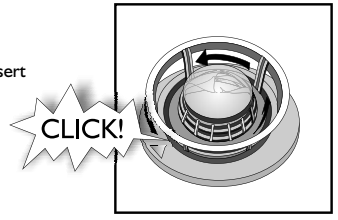
Rotate filter cylinder, remove filter system ...



Rinse under running water ...



Insert

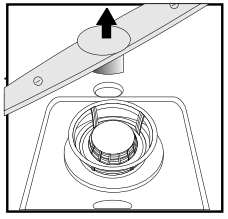


Screw on filter system NOTE MARK!

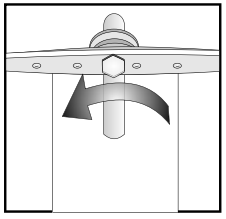
Rectifying minor faults yourself ...

10

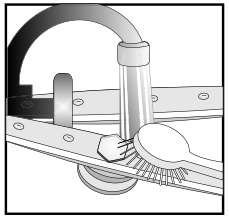
Spray arms Remove blockages/ deposits.



Pull lower arm upwards ...

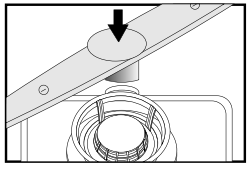


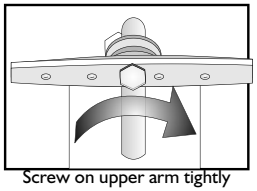
Unscrew upper arm ...



Clean spray nozzles under running water (use toothpicks if necessary) ...

Insert lower arm ...





Screw on upper arm tightly

If a fault occurs, before restoring normal appliance operation.contacting the After-sales Service, make the following checks to try and remedy the problem. Most faults can be remedied by taking the following courses of action, quickly restoring normal appliance operation.

The appliance...	Possible causes...	Solutions...
...is not working/will not start	- The appliance must be switched on.	- Check the household circuit fuse if there is no power supply.
	- The dishwasher door doesn't close.	- Check if the dishwasher's door is closed.
	- Delayed start function is ON.	- Check whether the "Delayed start" function (if available) has been selected. If it has, the appliance will only start once the set time has elapsed. If necessary, set the delayed start to "0" (RESET the appliance).
...shows "F1" on the display or the START indicator lamp flashes once	- The water supply temperature is below 3°C.	- Check that the water supply temperature is above 3°C.
...shows "F4" on the display or the START indicator lamp flashes 4 times	- Dirty filters.	- Clean the filters.
	- Kinked drain hose.	- The drain hose must not be kinked.
	- Syphon hose connection closed.	- The closure disk of the syphon hose connection must be removed.
...shows "F6" on the display or the START indicator lamp flashes 6 times	- Water tap closed.	- The water tap must be open.
	- Kinked water inlet hose or clogged inlet filters.	- The water inlet hose must not be kinked and the relative inlet filter in the water tap connector must not be clogged.
...shows "F7" on the display or the START indicator lamp flashes 7 times	- Water pressure too low.	- The water tap must be fully open during water inlet (minimum capacity: 0.5 litres per minute).
	- Kinked water inlet hose or clogged inlet filters.	- The water inlet hose must not be kinked and the relative inlet filter in the water tap connector must not be dirty.
...shows "F8" on the display or the START indicator lamp flashes 8 times	- Dirty or clogged filters.	- The filters must not be dirty or clogged.
	- Too little water in the dishwasher's water system.	- Concave items (e.g. bowls, cups) must be arranged facing downwards in the rack.
	- Drain hose incorrectly fitted.	- The drain hose must be fitted correctly (for high mounted appliances, leave min. 200-400 mm from the lower edge of the appliance) - see installation instructions.
...shows other "F" faults on the display or the START indicator lamp flashes Xx times	- Many different causes.	- Reset the appliance (see below).

After taking the above course of action, the fault message must be reset. In the majority of cases the fault is thus eliminated.

RESET:

- Press the START button for approx. 2 seconds until the indicator lamp switches off or press the RESET button (depending on model)
- Close the door.
- Water drains automatically for up to 60 seconds.
- The appliance is now ready to be restarted.

Crockery and cutlery...	Possible causes...	Solutions...
...are not perfectly clean/have food residues	- Too little space between dishes (incorrect arrangement of the concave items in the rack).	- Arrange crockery so that items do not touch each other. Concave items (e.g. bowls, cups) must be arranged facing downwards in the rack.
	- Too little detergent; detergent too old or incorrectly stored.	- If necessary, use more detergent, observing the manufacturer's indications as regards dosage. Always store detergent in a dry place and do not store it for excessively long periods of time.
	- Temperature not high enough for heavily soiled crockery.	- For heavily soiled crockery, select a wash programme with a higher temperature (see table in chapter "Chart" on page 1).
	- Loading of the dishwasher using lower and upper rack at the same time with "Half load/Multizone" function.	- If you select the "Half load/Multizone" function (if available), remember to load **only** the upper rack or **only** the lower rack to increase washing power and thus obtain optimum wash results.
	- Frequent use of Eco 50°C.	- In the event of frequent use of the Eco 50°C programme (if available), from time to time select the Intensive 70°C programme (if available).
	- Clogged spray arms; filters dirty or not fitted correctly.	- The spray arms must not be clogged, the filters must not be dirty and must be fitted correctly (see chapters 9 and 10).
	- Spray arms impeded by crockery or cutlery.	- The spray arms must be able to turn freely and must not be impeded by crockery or cutlery.

Crockery and cutlery...	Possible causes...	Solutions...
...salt indicator lit	- Use tablets for soft water.	- Set "Detergent type" option; if this option is not available, it is normal for the salt indicator to light up.
...have deposits: regeneration salt residue	- Water too hard.	- In areas with very hard water, more regeneration salt needs to be added (see page 2 "How to set water hardness").
	- Salt reservoir cap open.	- Close the salt reservoir cap properly.
	- Not enough rinse aid.	- If you use a combined action detergent, try adding more rinse aid.
...are not dry	- Plastic containers dry badly.	- Synthetic materials do not dry well; if wet at end of cycle, wipe dry.
	- Clean dishes left in dishwasher for a long time after end of cycle (e.g. when using "delayed start" function).	- In this situation, the presence of drops of water on dishes and on the sides of the dishwasher is normal. Try releasing the door 5 minutes before removing the dishes.
	- Incorrect arrangement of the concave items in the rack.	- Arrange crockery so that water does not collect in cavities.
	- Incorrect dosage the rinse aid.	- Increase the dosage of rinse aid - see page 3, chapter "Adding rinse aid".
	- Rapid programme selected.	- The rapid programme is intended for quickly washing lightly soiled dishes. If used for a full load of medium/ heavy soiled dishes, the dishes may not dry completely. If so, select a standard-length programme. For best results, open the door after the end of the programme and wait 15 minutes before unloading the dishwasher.
...have discoloured plastic parts	- Tomato/Carrot juice.	- Tomato sauce, for example, can lead to discolouring of plastic parts. Powder detergent is recommended as it allows slightly higher doses to be used for improved whitening. Programmes with higher wash temperatures should be used.
...opaque glasses, etc	- Dishes unsuitable for washing in dishwashers (porcelain),	- Only use dishwasher-proof crockery and dishes.
...removable deposits on glasses	- Usage of incorrect programmes for glasses.	- Dishes should be put together, to avoid touching each other. Do not put glassware together in baskets. Use suitable programme for glass.
...glasses not sparkling	- Not conform of glasses to washing in dishwashers (porcelain).	- Some kinds of glass cannot be washed in the dishwasher.
...permanent deposits on glasses	- Rainbow effect.	- This phenomenon is irreversible. We recommend in future: - Change the control of system of dosage of softener. - Be careful – follow recommended detergent dosage. - For combined action tablets see detergent producer's recommendations.
...tea cups darken and dirt does not disappear after washing in dishwasher	- Not known.	- This phenomenon is inevitable. Theine alters colours permanently.
...rust marks	- Pre-wash programme not used.	- Salty or acidic food residues can cause rust marks even on stainless steel cutlery. To avoid this, always use the pre-wash programme if the dishes are to be washed later.
...other marks	- Rinse aid dosage too low.	- In the presence of marks, increase the rinse aid dosage (see page 3, step 2). If you use a combined action detergent, try adding more rinse aid.
...streaks	- Rinse aid dosage too high.	- In the presence of streaks, reduce the rinse aid dosage (see page 3, step 2). If you use a combined action detergent which includes rinse aid, do not add any additional rinse aid.
...suds	- Unsuitable dosage of detergent/rinse aid.	- Only use the amount of detergent/rinse aid required, since excessive amounts can lead to excess suds.

Disconnect the mains plug

If, after carrying out the above checks, the fault persists, switch off the appliance, disconnect the mains plug and turn off the water tap.
Contact the After-sales Service (see warranty).
Before contacting our After-Sales Service, take note of the following:

- **the description of the fault,**
- **the appliance type and model,**
- **the service code (the number indicated on the adhesive rating plate) inside the door on the right-hand side:**

Precautions and general recommendations

1. Packing
The packaging materials are 100% recyclable and marked with the recycling symbol .

2. Removing the packaging and inspecting the contents
After unpacking, make sure that the dishwasher is undamaged and that the door closes correctly. If in doubt, contact a qualified technician or your local retailer.

3. Before using the dishwasher for the first time
- The appliance is designed to operate at ambient temperatures of between 5°C and 45°C.
- This dishwasher has been tested by the manufacturer to ensure it functions correctly. Such testing may leave slight drips/water marks which will disappear with the first wash.

4. Energy and water savings
- Do not rinse crockery under running water.
- Always fully load the dishwasher before running it or select the "Half load/Multizone" function (if available).
- If ecological energy sources are available such as solar panel heating, heat pumps or centralised heating systems, the appliance may be connected to the hot water mains up to a maximum temperature of 60°C. Make sure the water inlet hose is of the correct type ("70°C Max" or "90°C Max").

5. Child safety
- Keep the packaging materials out of the reach of children.
- Children must not be allowed to play with the dishwasher.
- Store the detergent, rinse aid and salt out of the reach of children.

6. Safety warnings
- The appliance is not intended for use by children or physically or mentally impaired persons, unless adequately supervised by a responsible adult capable of guaranteeing safe use of the appliance.
- Do not operate the appliance in the open air.
- Do not store flammable materials in close proximity to the dishwasher.
- The water in the dishwasher is not potable.
- Do not use solvents inside the dishwasher: **risk of explosion!**
- Be careful when the door is open: **risk of tripping!**
- The open dishwasher door can only support the weight of the loaded rack when pulled out. Do not rest objects on the open door or sit or stand on it.
- Sharp items that might cause injury (e.g. knives), must be placed in the cutlery basket with the sharp end facing downwards. Long-handled utensils must be arranged horizontally in the upper rack, with the sharp end facing away from the front of the appliance.
- Before cleaning or carrying out maintenance, switch off the appliance, disconnect the mains plug and turn off the water tap; also after programme end in the event of any malfunction.
- Repairs and technical modifications must be carried out exclusively by a qualified technician.

7. Resistance to frost
If the appliance is placed in surroundings exposed to the risk of frost, it must be drained completely. Turn off the water tap, remove the inlet and outlet hoses, and let all the water drain away. Make sure there is at least 1 kg of dissolved regeneration salt in the salt reservoir, to protect the appliance from temperatures of up to -21°C. When the programme resumes, an error message may be displayed. "**F1**"/START indicator flashes once: pour half a litre of warm water into the bottom of the dishwasher. "**F6**"/START indicator flashes 6 times: the appliance must remain at an ambient temperature of min. 5°C for at least 24 hours. After eliminating these faults, RESET the appliance (see chapter "What to do if...").

8. Disposal
- The appliance is manufactured using recyclable materials. If you decide to scrap the dishwasher, it must be disposed of in compliance with local waste disposal regulations. Make it unusable by cutting off the power cord. To prevent situations of potential danger to children (e.g. danger of suffocation), break the lock of the door so that it can no longer be closed.
- This appliance is marked according to the European directive 2002/96/CE on Waste Electrical and Electronic Equipment (WEEE). By ensuring that this appliance is scrapped suitably, you can help prevent potentially damaging consequences for the environment and health. Unsuitable disposal of an appliance of this type as household waste could have detrimental effects on the environment. The symbol on the appliance, or on documentation enclosed with the appliance, indicates that this product must not be treated as household waste, but must be delivered to the nearest collection centre for the recycling of electrical and electronic appliances. Disposal must be carried out in accordance with local environmental regulations for waste disposal. For further information on the treatment, recovery and recycling of this appliance, contact your competent local authority, the collection service for household waste or the shop where you purchased the appliance.

EC Declaration of conformity
This appliance has been designed, constructed and distributed in compliance with the safety requirements of EC Directives: CE 2006/95/CE, 89/336/CE, 93/68/CE and 2002/95/CE (RoHS Directive).
Loading Capacity: 12 place settings.

We reserve the right to make technical modifications.